

AirFlex® DUO

2 Cell-Cycle Alternating Pressure Mattress Replacement System

AirFlex® DUO is a high quality, cost effective 2 cell-cycle alternating pressure mattress designed to prevent pressure injuries in patients who are at high risk of their development. AirFlex® DUO is recommended for nursing patients with limited mobility who require occasional repositioning and will also accelerate the healing of existing stage 1 and 2 pressure ulcers.

AirFlex® DUO is a large cell, dynamic mattress that provides the rapid changes in airflow required to stimulate reactive hyperaemia in the deep tissues surrounding the bony prominences. The mattress has in-built pressure sensors which automatically adjust to patient's weight and changes in body position. Advanced engineering and a quality compressor have created a dynamic support surface that is therapeutic for patients weighing from 20 to 220 kg.

AirFlex® DUO is part of the new innovative 'cost effective' range of mattress solutions designed to fulfil the requirements of 'affordable healthcare.'

Recommended for nursing patients who:

Have limited mobility / require occasional manual repositioning



Are at high risk of developing pressure injuries



Have an established pressure injury / a history of pressure injuries



2 CELL-CYCLE:



Patient Safety and Comfort

- 2 cell-cycle with a 10 minute cycle time provides regular relief of interface pressure
- Cell-in-cell technology improves patient comfort and safety by providing a permanently inflated base portion beneath the active alternating component of the air-cell
- Dual pressure settings improve comfort for frail and underweight patients without compromising pressure relief
- Fully automatic adjustment to patient weight and body position
- Dual comfort settings available within both static and dynamic modes to suit individual patient comfort or clinical requirements

Additional Nursing Support

- Audible and visual alarms provide peace of mind for nursing staff
- Rapid deflation on release of CPR connector
- Static mode provides a firm and stable surface for essential nursing procedures such as physiotherapy, wound dressing and changing bed linen
- Static mode defaults to Alternating mode after 30 minutes
- Transport mode ensures the mattress remains inflated for 8 hours in the event of a mains power failure

- Cable management system ensures power cable can be safely and securely retained off the floor
- V-Lock system prevents accidental disconnection of the power cord

Maximises Infection Control

- Waterproof, vapour permeable, Dartex® covers provide microclimate control at the skin/mattress interface
- Soft, smooth covers reduce shear and friction as well as allowing easy wipe down when cleaning
- Welded seams prevent the ingress of fluids into the mattress
- 360° zip ensures cover can be easily removed for infection control and high temperature laundering
- Generous waterfall flap protects zip and integrity of the air-cells

Technical Specifications

Number of cells	18
Mattress sizes	1880 x 880 x 200 mm (standard) 1880 x 800 x 200 mm (narrow)
Max. patient weight	220 kg
Mattress material	Cells: Polyurethane Cover: Dartex® two-way stretch Polyurethane coated Nylon
Pump unit dimensions	400 x 160 x 250 mm
Mattress weight	9.2 kg
Pump weight	2.8 kg
Classification	Class B Medical Device / Class I
Mattress - flammability rating	Complies with BS7175 ignition source 0, 1 and 5
Power unit - flammability rating / ingress protection	UL 94 V-0 / IP 42
Power supply / power consumption:	230 V~ ±10%, 50 / 60 Hz 20 W max

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